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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/769,249	01/30/2004	Pankaj Sharma	200314191-1	8147
22879	7590	05/12/2006	EXAMINER	
HEWLETT PACKARD COMPANY P O BOX 272400, 3404 E. HARMONY ROAD INTELLECTUAL PROPERTY ADMINISTRATION FORT COLLINS, CO 80527-2400			CHANG, YEAN HSI	
			ART UNIT	PAPER NUMBER
			2835	

DATE MAILED: 05/12/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/769,249

Applicant(s)

SHARMA ET AL.

Examiner

Yean-Hsi Chang

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 April 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 4-8 is/are rejected.
- 7) ☒ Claim(s) 3, 9-12 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-2 and 4-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yerazunis et al. (US 6,477,588 B1) in view of Chen (US 6,525,926 B1).

Yerazunis teaches a computer system (fig. 1) comprising: a main unit (150) comprising an enclosure (not labeled) and circuitry (not shown) for sensing activity in a low-voltage power button (107), and a first socket or plug (161, fig. 5) accessible from the exterior of the enclosure and electrically coupled to the circuitry; wherein the first socket or plug is adapted to removably mate with a corresponding socket or plug (102) of either a low-voltage power button or a low-voltage power button extender assembly (100) (claim 1); and wherein the low-voltage power button comprises a switch (obvious feature not shown) integrated in fixed relationship with and electrically coupled to a second socket or plug (102), the second socket or plug adapted to removably mate with the first socket or plug (claim 2).

Yerazunis fails to describe the circuitry for sensing activity in the low-voltage power button. It would have been an obvious matter to one having ordinary skill in the

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art that a circuitry disposed in the computer system and coupled to the first socket or plug for sensing the status of the low-voltage power button extender assembly 100 which is closely related to the activity of the low-voltage power button 107 as shown in fig. 5.

Yerazunis fails also to teach a light operable to indicate the current power state of the computer system wherein the light is an LED located on a housing of the switch, or integrated within the switch.

Chen teaches a computer system (fig. 1) comprising: an LED power indicator 98 located and integrated in a housing 72 at a front surface of a power switch 92 as shown in figs. 2 and 4.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the device of Yerazunis with the switch and the indicator taught by Chen for indicating the power status of the system.

Allowable Subject Matter

3. Claims 3 and 9-12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

4. The following is a statement of reasons for the indication of allowable subject matter: The best prior art of record, Yerazunis et al. (US 6,477,588 B1), and Chen (US 6,525,926 B1), taken alone or in combination, fails to teach or fairly suggest a computer

system comprising at least: a low-voltage power button extender assembly comprises a switch electrically coupled to a second socket or plug by a flexible cable, the second socket or plug adapted to removably mate with the first socket or plug accessible from an exterior of an enclosure of the computer system and electrically coupled to a circuitry for sensing activity in a low-voltage power button of the low-voltage power button extender assembly as set forth in claim 3. Claims 9-12 are dependent claims from claim 3.

Response to Arguments

5. Applicant's arguments filed 4/24/06 have been fully considered but they are not persuasive.

Applicants argue, "Yerazunis does not teach or suggest that mating component 102 with PDA 150 serves to electrically couple on-off switch 107 to any circuitry within PDA 150 for sensing activity in a low-voltage power button, as would be required by Applicant's claim".

The activity of switch 107 may be represented by the status of 100, and the status of 100 is being sensed by a circuitry in 150 as shown in fig. 5.

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Correspondence

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yean-Hsi Chang whose telephone number is (571) 272-2038. The examiner can normally be reached on 07:30 - 16:00, Monday through Thursday.

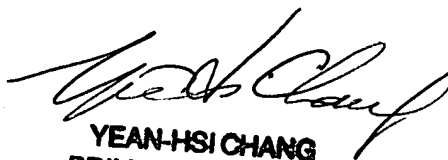
If attempts to reach the examiner by telephone are unsuccessful, the Art Unit phone number is (571) 272-2800, ext. 35. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained

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from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-8558.

Yean-Hsi Chang
Primary Examiner
Art Unit: 2835
May 11, 2006



YEAN-HSI CHANG
PRIMARY EXAMINER